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Applicant: Gilmore et al.

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
M	1	4,888,276	Dec. 19, 1989	Shelburne	435	7	
M	2	5,523,089	Jun. 4, 1996	Bergstrom et al.	424	262.1	
M	3	5,554,371	Sep. 10, 1996	Caputa et al.	424	234.1	
M	4	5,558,993	Sep. 24, 1996	Champion et al.	435	6	
M	5	5,620,862	Apr. 15, 1997	Padula et al.			

OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

M	6	Anderson et al., "Prevalence of <i>Borrelia burgdorferi</i> in White-Footed Mice and <i>Ixodes dammini</i> at Fort McCoy, Wis.", <i>Journal of Clinical Microbiology</i> , Aug. 1987, pp. 1495-1497.
M	7	Barbour et al. "A <i>Borrelia</i> -Specific Monoclonal Antibody Binds of a Flagellar Epitope," <i>Infection and Immunity</i> , May 1986, p.p.549-554.
M	8	Barbour et al. "Antibodies of Patients With Lyme Disease to Components of the <i>Ixodes Dammini</i> Spirochete," <i>Journal of Clinical Investigation</i> , August 1983, Vol. 72, pp. 504-515
M	9	Barbour et al. "Biology of <i>Borrelia</i> Species," <i>Microbiological Reviews</i> , Dec. 1986, pp. 381-400.
M	10	Barbour et al. "Heterogeneity of Major Proteins in Lyme Disease Borreliae: A Molecular Analysis of North American and European Isolates," <i>Journal of Infectious Diseases</i> , September 1985, Vol. 152, No. 3, pp. 478-484.
M	11	Barbour et al. "Lyme Disease Spirochetes and Ixodid Tick Spirochetes Share a Common Surface Antigenic Determinant Defined by a Monoclonal Antibody," <i>Infection and Immunity</i> , Aug. 1983, p. 795-804
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M	15	Bencah, et al. "A Murine IgM Monoclonal Antibody Binds an Antigenic Determinant in Outer Surface Protein A, An Immunodominant Basic Protein of the Lyme Disease Spirochete" <i>The Journal of Immunology</i> , January 1, 1988, Vol. 140, 265-272, No. 1
M	16	Craft, et al. "Antibody Response in Lyme Disease: Evaluation of Diagnostic Tests" <i>The Journal of Infectious Diseases</i> , May 1984, Vol. 149, No. 5
M	17	Craft, et. al. "Antigens of <i>Borrelia burgdorferi</i> Recognized during Lyme Disease"
M	18	Fikrig, et al. "Long-Term Protection of Mice from Lyme Disease by Vaccination with OspA" <i>Infection and Immunity</i> , March 1992, p. 773-777
M	19	Yigong Ge and Nyles W. Charon "FlaA, A Putative Flagellar Outer Sheath Protein, Is Not an Immunodominant Antigen Associated with Lyme Disease" <i>Infection and Immunity</i> , July 1997, p. 2992-2995
M	20	Yigong Ge and Nyles W. Charon "An Unexpected flaA Homolog Is Present and Expressed in <i>Borrelia burgdorferi</i> " <i>Journal of Bacteriology</i> , January 1997, p. 552-556
M	21	Robert L. Gordzicki and Allen C. Steere "Comparison of Immunoblotting and Indirect Enzyme-Linked Immunosorbent Assay Using Different Antigen Preparations for Diagnosing Early Lyme Disease" <i>The Journal of Infectious Diseases</i> , April 1988, Vol. 157, No. 4
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	34	Rasiah, et al. "Use of a Hybrid Protein Consisting of the Variable Region of the <i>Borrelia burgdorferi</i> Flagellin and Part of the 83-kDa Protein as Antigen for Serodiagnosis of Lyme Disease" <u>J. Clin. Microbiol.</u> April 1994, p. 1011-1017
	35	Sadziene, et al. " <i>Borrelia burgdorferi</i> Mutant Lacking Osp: Biological and Immunological Characterization" <u>Infection and Immunity</u> , April 1995, p. 1573-1580
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	37	Schneider, et al. "Prognostic B-Cell Epitopes on the Flagellar Protein of <i>Borrelia burgdorferi</i> " <u>Infection and Immunity</u> January 1992, p. 316-319
	38	Simpson, et al. "Antibody to a 39-Kilodalton <i>Borrelia burgdorferi</i> Antigen (P39) as a Marker for Infection in Experimentally and naturally Inoculated Animals" <u>Journal of Clinical Microbiology</u> , February 1991, p. 236-243
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	41	Steere, et al. "Chronic Lyme Arthritis" <u>Annals of Internal Medicine</u> June 1979, Vol. 90, No. 6
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	46	Zhang, et al. " <i>Borrelia burgdorferi</i> Enzyme-Linked Immunosorbent Assay for Discrimination of OspA Vaccination from Spirochete Infection" <u>Journal of Clinical Microbiology</u> January 1997, Vol. 35 No. 1

Examiner

N. M. Minnifield

Date Considered

8/25/99

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.